

Claims

1. A device for carrying and fastening a robot, the device having a bottom horizontal component, a vertical component and a top at least approximately horizontal component, wherein the device is designed in a gallows shape having a foot as bottom horizontal component, a column, adjoining the foot, as vertical component, and at least one cantilever arm, fastened to this column, as top component for fastening the robot, the at least one cantilever arm being fastened to the column in a fixed position, and wherein the device consists at least partly of a composite material.
2. The device as claimed in claim 1, wherein the at least one cantilever arm is fastened solely to the column.
3. The device as claimed in claim 1, wherein the foot, the column and the at least one cantilever arm consist at least partly of a composite material.
4. The device as claimed in claim 3, wherein the cast mineral contains at least one additive which has an effect inhibiting microorganisms.
5. The device as claimed in claim 1, wherein the at least one cantilever arm has a core consisting of a composite material and an outer envelope consisting of another material.
6. The device as claimed in claim 1, wherein the at least one cantilever arm is designed as a solid body.
7. The device as claimed in claim 1, wherein the column has at least one niche for accommodating components of control electronics and/or pneumatic components for the robot.

8. The device as claimed in claim 1, wherein there are two cantilever arms which are arranged on the column at the same height, but at a distance from one another, for accommodating the robot in the intermediate space produced in between.

9. The device as claimed in claim 1, wherein the at least one cantilever arm is connected to the column by an adhesive.

10. The device as claimed in claim 1, wherein the foot and the at least one cantilever arm extend in the same direction away from the column and do not project beyond the column in the opposite direction.

11. The device as claimed in claim 1, wherein the robot is a delta robot.

12. The device as claimed in claim 3, wherein the column and the one cantilever arm consist at least partly of a cast mineral.

13. The device as claimed in claim 5, wherein the outer envelope consists of high-grade steel.

14. The device as claimed in claim 9, wherein the at least one cantilever arm is connected to the column by a cast mineral.